

4.2.A. 0801021001 (Wolf River).

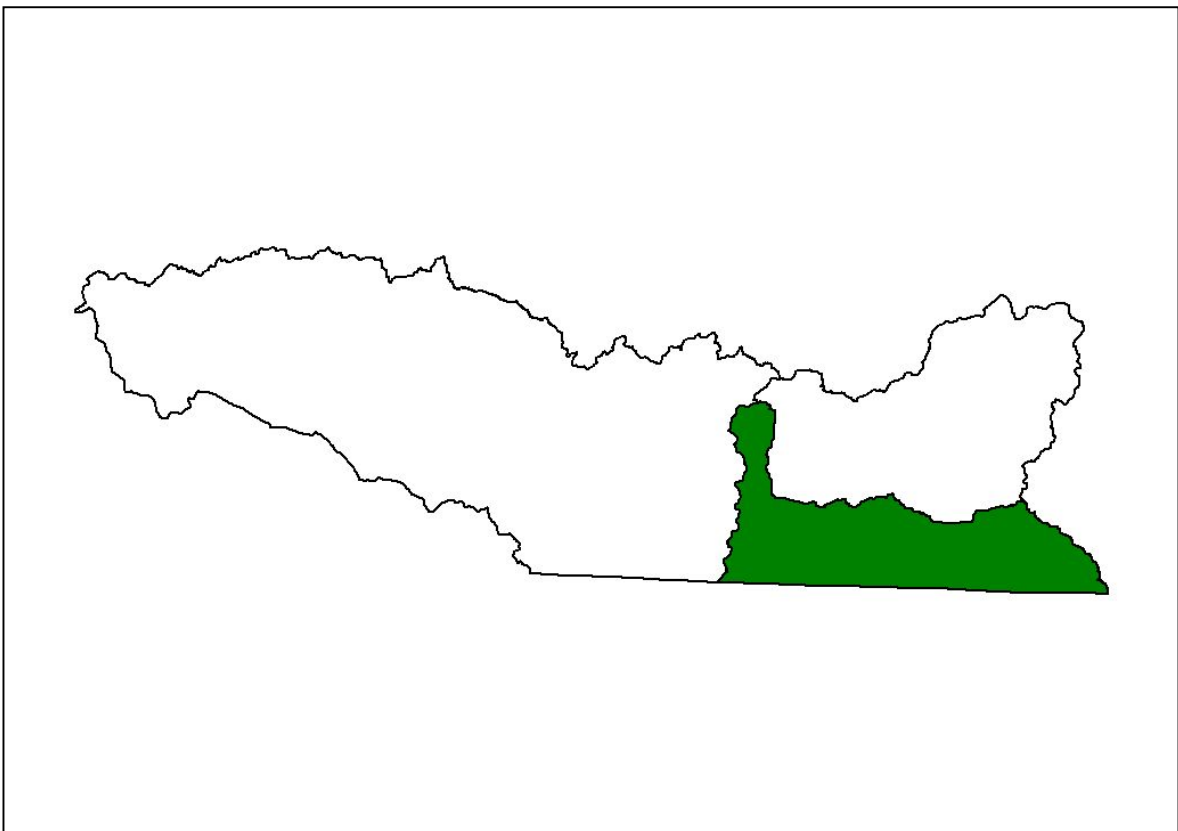


Figure 4-2. Location of Subwatershed 0801021001. All Wolf River HUC-10 subwatershed boundaries in Tennessee are shown for reference.

4.2.A.i. General Description.

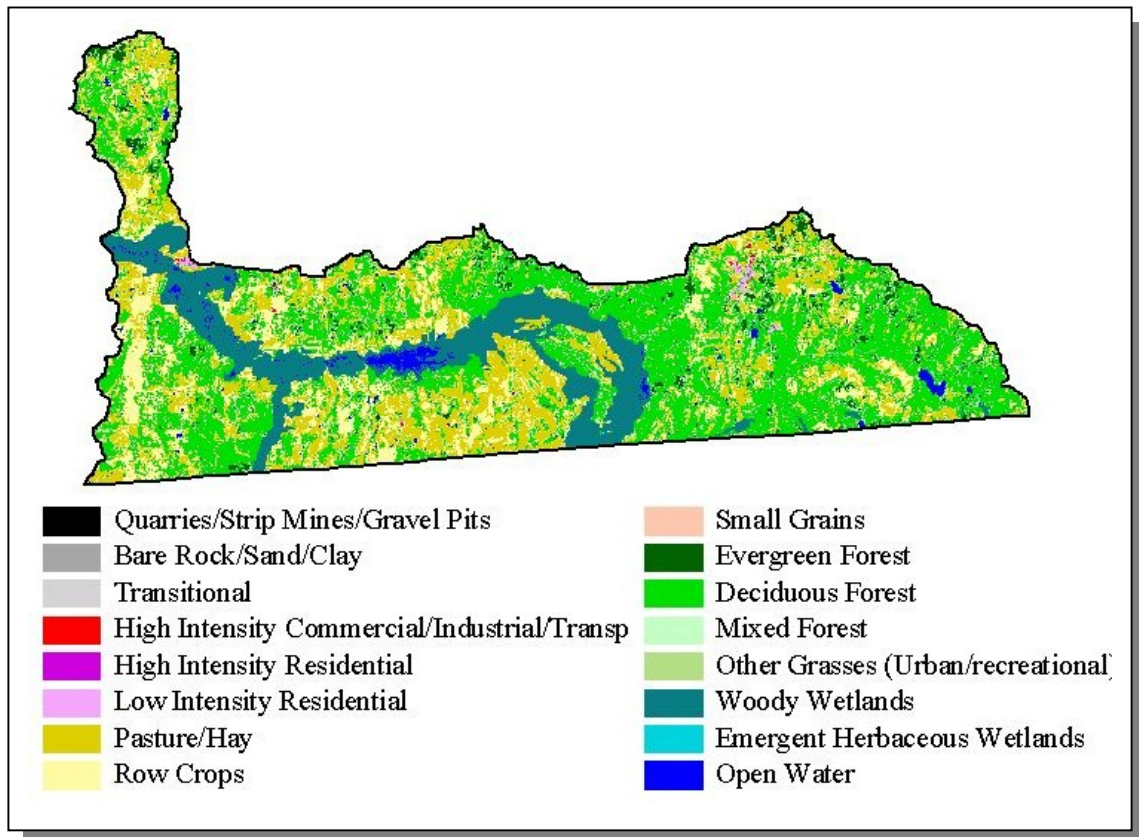


Figure 4-3. Illustration of Land Use Distribution in Subwatershed 0801021001.

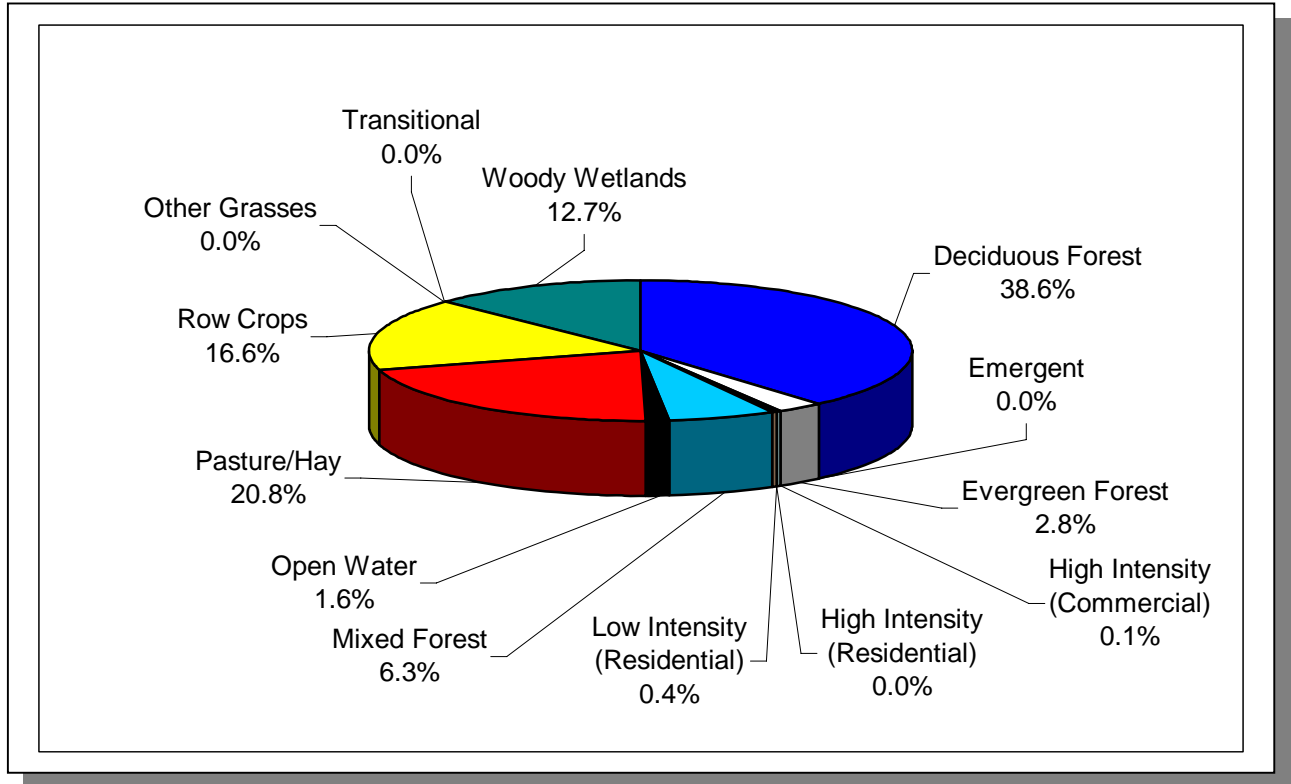


Figure 4-4. Land Use Distribution in Subwatershed 0801021001. More information is provided in Appendix IV.

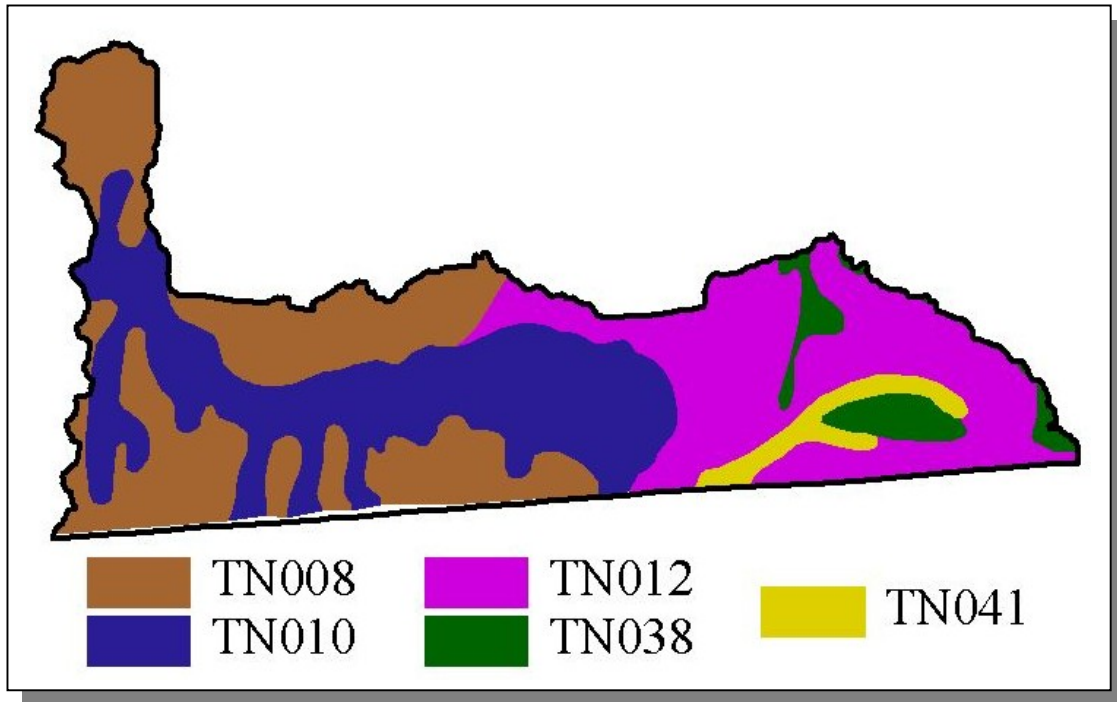


Figure 4-5. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0801021001.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN008	2.00	C	1.38	5.20	Silty Loam	0.48
TN010	81.00	C	1.33	5.11	Silty Loam	0.44
TN012	1.00	C	2.52	5.13	Silty Loam	0.39
TN038	9.00	C	1.65	5.20	Silty Loam	0.46
TN041	59.00	C	1.35	4.98	Silty Loam	0.34

Table 4-2. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0801021001. More details are provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-1997)
	1990	1997	2000		1990	1997	2000	
Fayette	25,559	29,412	28,806	8.67	22.17	2,551	2,499	12.7
Hardeman	23,377	24,702	28,105	2.8	654	691	787	20.3
Totals	48,936	54,114	56,911		2,871	3,242	3,286	14.5

Table 4-3. Population Estimates in Subwatershed 0801021001.

			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Grand Junction	Hardeman	357	189	163	24	2
La Grange	Fayette	171	91	10	69	12
Moscow	Fayette	414	196	194	2	0
Totals		942	476	367	95	14

Table 4-4. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0801021001.

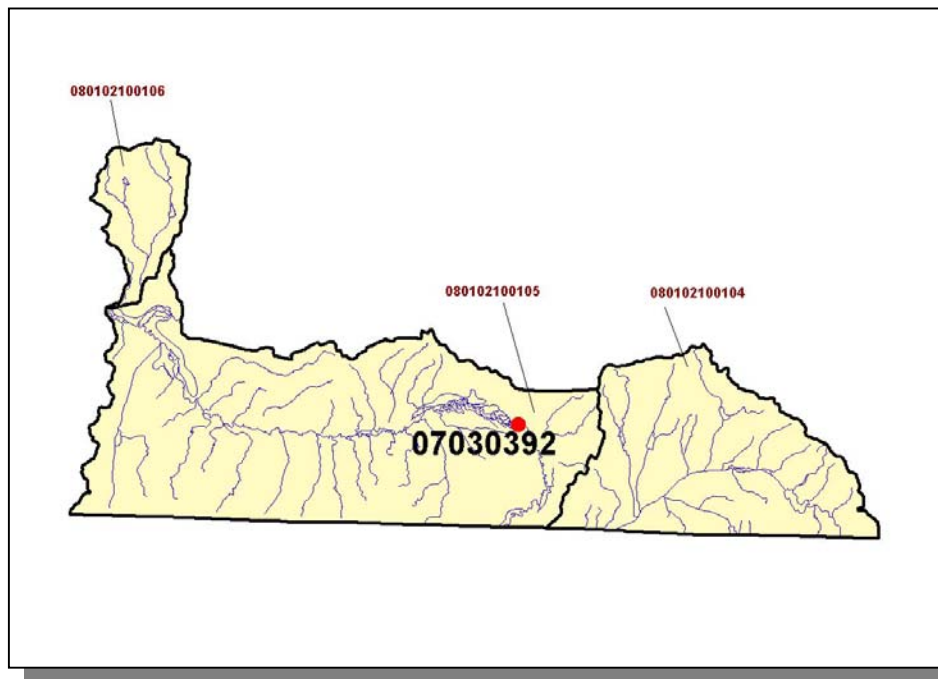


Figure 4-6. Location of Historical Streamflow Data Collection Sites in Subwatershed 0801021001. Subwatershed 080102100104, 080102100105, and 080102100106 boundaries are shown for reference. More information, including site names and locations, is provided in Appendix IV.

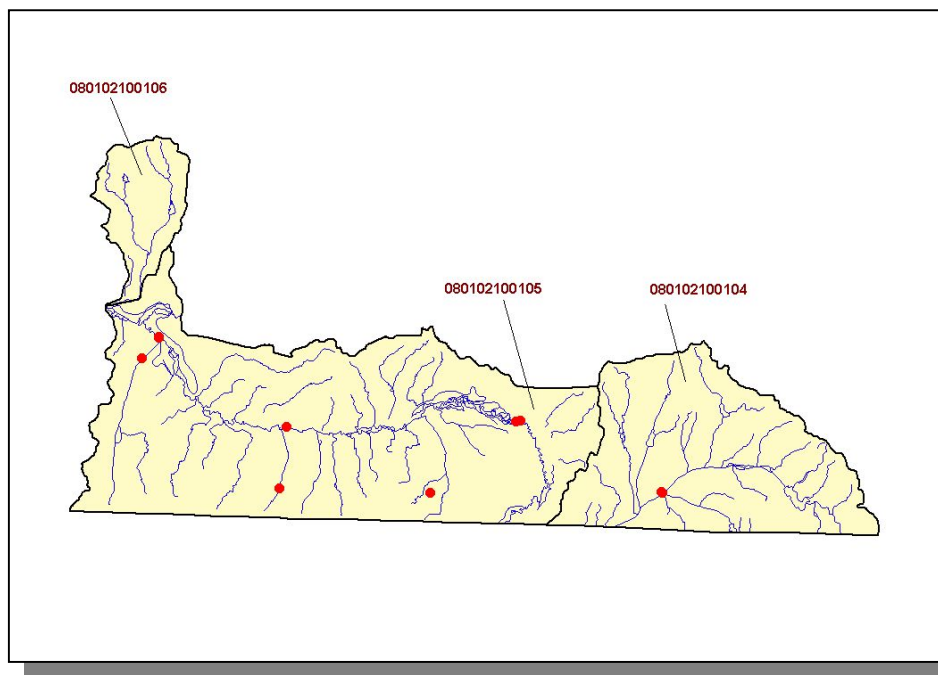


Figure 4-7. Location of STORET Monitoring Sites in Subwatershed 0801021001. Subwatershed 080102100104, 080102100105, and 080102100106 boundaries are shown for reference. More information, including site names and locations, is provided in Appendix IV.

4.2.A.ii Point Source Contributions.

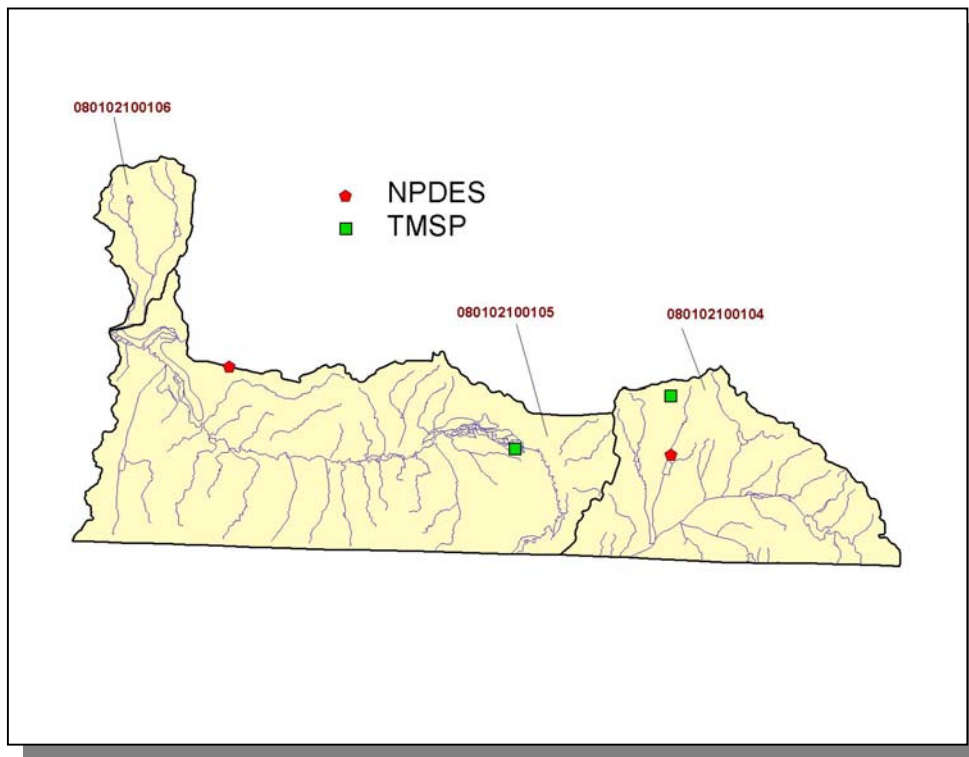


Figure 4-8. Location of Active Point Source Facilities in Subwatershed 0801021001. Subwatershed 080102100104, 080102100105, and 080102100106 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

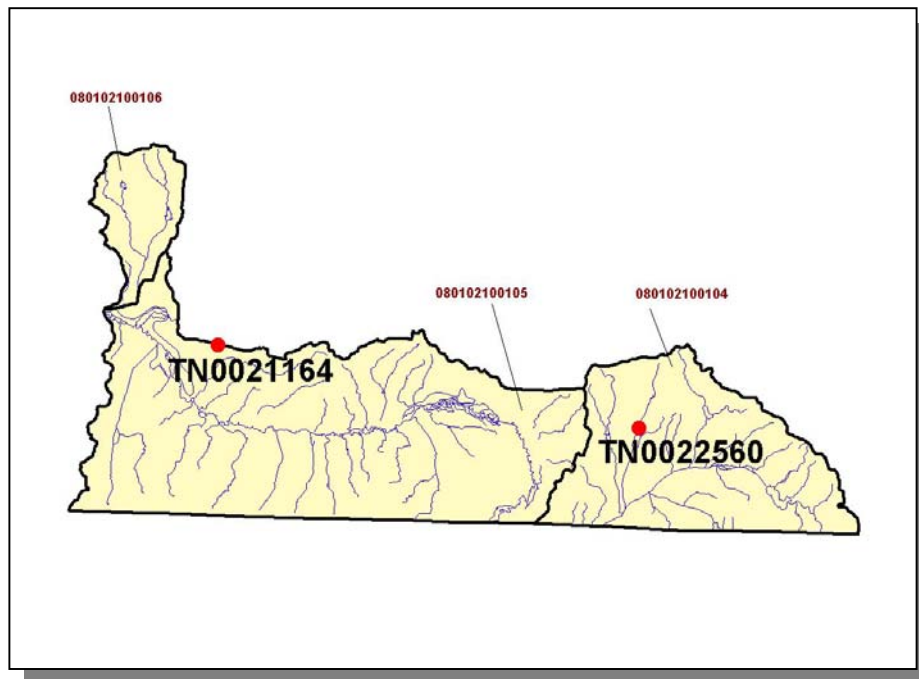


Figure 4-9. Location of NPDES Facilities in Subwatershed 0801021001. Subwatershed 080102100104, 080102100105, and 080102100106 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

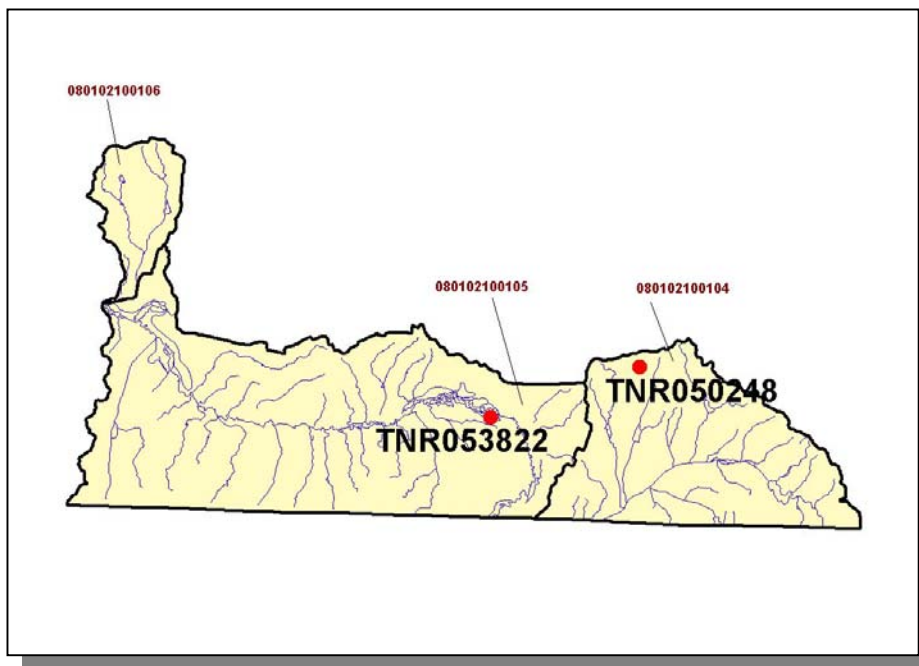


Figure 4-10. Location of TMSP Facilities in Subwatershed 0801021001. Subwatershed 080102100104, 080102100105, and 080102100106 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

4.2.A.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Chickens Sold	Hogs	Sheep
2,054	3,737	98	<5	<5	2,755	21

Table 4-5. Summary of Livestock Count Estimates in Subwatershed 0801021001. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Fayette	152.0	152.0	1.1	3.3
Hardeman	247.1	247.1	5.0	18.6
Total	399.1	399.1	6.1	21.9

Table 4-6. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 0801021001.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.69
Grass (Hayland)	1.27
Legumes (Hayland)	0.65
Legumes, Grass (Hayland)	0.22
Grass, Forbs, Legumes (Mixed Pasture)	0.87
Forest Land (Not Grazed)	0.00
Forest Land (Grazed)	0.00
Corn (Row Crops)	16.73
Cotton (Row Crops)	13.01
Sorghum (Row Crops)	3.04
Soybeans (Row Crops)	10.94
Fruit (Horticultural)	0.39
Wheat (Close-Grown Cropland)	5.64
Summer Fallow (Other Cropland)	6.11
Other Cropland not Planted	2.35
Conservation Reserve Program Lands	0.84
Non-Agricultural Land Use	0.00
Farmsteads and Ranch Headquarters	0.36

Table 4-7. Annual Estimated Total Soil Loss in Subwatershed 0801021001.